

Daniel Andres Jimenez Riveros, MSc-MA

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Work Experience

AMAZON, Bogotá, Colombia

Software Developer Engineer

July 2022 - August 2023

- Developed advanced interactive dashboards, enhancing data analysis efficiency for **2,000+ data analysts, significantly improving decision-making speed and accuracy.**
- Optimized application deployment and scalability using **AWS services (EC2, S3, Lambda, DynamoDB, API Gateway, CDK and CloudFormation)**, significantly reducing deployment and maintenance time and increasing scalability.
- Engineered responsive UI/UX front-ends with **Javascript, ReactJS, D3.js, and Redux RTK**, elevating user experience and interaction for key enterprise applications.
- Architected and deployed scalable back-end services using **Typescript, ExpressJS, and NodeJS**, ensuring robust performance and reliability across enterprise systems.
- Implemented critical RESTful APIs, integrating seamlessly with three internal services, empowering over **300 team leaders in the CSBI department** with enhanced data accessibility.

Business Intelligence Analyst

July 2021 - July 2022

- Utilized **Scikit-learn and Pytorch** to train **machine learning and deep learning models (regressions, time series, neural networks)**, achieving **85% accuracy**, improving operational decisions and efficiency.
- Leveraged EDA insights using Python (**Pandas, NumPy, Matplotlib, Seaborn, Altair, SQL**) for strategic **machine learning model selection and feature engineering**, enhancing product optimization and development.
- Streamlined data preprocessing workflows with **Python**, achieving a **50% reduction in processing time**, significantly accelerating project timelines.
- Created dynamic, high-quality visuals with **R(ggplot2) and Python(Pandas, NumPy, Matplotlib, Seaborn, Altair)** to represent complex analyses, improving stakeholder understanding of **data science** insights.

Information Technology Intern

January 2021 - July 2021

- Played a key role in the full-stack development of critical internal tools using **JavaScript, Reactjs, nodejs, HTML, and CSS**, directly benefiting over **9,000 Amazon employees through enhanced usability and productivity.**
- Spearheaded the design of intuitive **UI components and icons with Figma**, significantly improving user experience across four major internal applications.
- Acquired and applied knowledge of core **AWS services** and proprietary tools essential for application development, facilitating the robust and scalable deployment of internal applications

AQSTICA S.A.S, Bogotá, Colombia

Data Analyst

February 2018 - November 2020

- Applied basic unsupervised learning techniques with **Python(scikit-learn)** to segment customers, driving **targeted marketing and product improvements.**
- Analyzed complex datasets using **Python(Pandas, Numpy)** to strategic decisions, **boosting operational efficiency by 10% in revenue.**
- Automated data cleaning and transformation with **Python, SQL and MongoDB**, enhancing data quality by **25% and cutting processing time by 40%.**

Education

University of British Columbia, Vancouver, Canada - Master of Data Science in Computational Linguistics - *Coursing*

Universidad de los Andes, Bogotá, Colombia - Master in Information Technology - Bachelor in Industrial Engineering - Bachelor in Arts

Fundacion Universitaria Jorge Tadeo Lozano, Bogotá, Colombia - Graduate Diploma in Project Management

Awards & Achievements

- COLFUTURO Scholarship 2023
 - Data Science for All (DS4A) 2018
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Skills

Data science: Python, R, SQL, Pandas, Numpy, Matplotlib, Seaborn, Altair, Scikit-learn (Sklearn), Pytorch, Neural Networks, Machine Learning, Deep Learning, Artificial Intelligence, Natural Language Processing(NLP) | **Software Development:** Flask, NodeJS, D3js, ReactJS, HTML, CSS, Redux, front-end, back-end, fullstack, Typescript, Javascript, Java, MongoDB, GitHub, Git, Algorithms, Data structures, Figma, Adobe XD, UI/UX | **Other:** AWS (EC2, S3, Lambda, API Gateway), CDK, CloudFormation, DynamoDb, SageMaker, C++, D3js, ThreeJS